



BURLINGTON ENVIRONMENTAL
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March 8, 1995

Ms. Christy Brown
EPA Project Coordinator
U.S. EPA
1200 Sixth Avenue, M/S HW-106
Seattle, WA 98101

Ms. Brown:

Following is the Bimonthly Progress Report required by the 3008(h) Order for RFI activities completed at the Burlington Environmental Inc. Pier 91 Facility for the months of January and February 1995.

Description of Work Completed

- Water and product levels were measured in wells once each month.
- Completed first quarter 1995 groundwater sampling in January.
- Received and validated fourth quarter 1994 groundwater monitoring data.
- Contractor selected and funding approved for the Interim Measures LNAPL recovery system. Port of Seattle permission is pending.
- Submitted responses to USEPA comments to the 10/93 Draft RFI Report.

Summary of All Findings

- No significant findings occurred during this period. Fourth quarter 1994 groundwater monitoring data summary tables are enclosed.

Projected Work for Next Reporting Period

- Water and product levels will be measured monthly.
- Receive and validate first quarter 1995 groundwater monitoring data.
- Complete second quarter 1995 groundwater sampling in April.
- Continue efforts to install the Interim Measures LNAPL recovery system.

If you have any questions, please contact me at (206) 227-6121.

Respectfully,

John Stiller
Project Coordinator

cc: Galen Tritt, Ecology NWRO

USEPA RCRA

3012363



VOCs

Pier 91 Facility
4th Quarter 1994
Groundwater

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SITE	DATE	Chloromethane (ug/l)	Bromomethane (ug/l)	Vinyl chloride (ug/l)	Chloroethane (ug/l)	Methylene chloride (ug/l)	Acetone (ug/l)	Carbon disulfide (ug/l)	1,1-DCE (ug/l)
CP-103A	10/19/94	<1	<1	<1	17	<5	8	<1	<1
CP-103B	10/19/94	<1	<1	<1	1	<5	<5	<1	<1
CP-104A	10/20/94	<1	<1	2	1	<5	<5	<1	<1
CP-104B	10/20/94	<1	<1	<1	<1	<5	<5	<1	<1
CP-105A	10/20/94	<1	<1	<1	<1	<5	<5	<1	<1
CP-105B	10/20/94	5	<1	<1	<1	<5	<5	2	<1
CP-106A	10/21/94	<1	<1	<1	<1	<5	<5	<1	<1
CP-106B	10/21/94	<1	<1	<1	<1	<5	<5	<1	<1
CP-107	10/20/94	<1	<1	3	23	<5	7	<1	<1
CP-108A	10/19/94	2	<1	<1	1	<5	16	<1	<1
CP-108B	10/19/94	<1	<1	<1	<1	<5	9	<1	<1
CP-109	10/18/94	<1	<1	<1	6	<5	<5	<1	<1
CP-110	10/20/94	<1	<1	2	13	<5	<5	<1	<1
CP-111	10/24/94	<1	<1	<1	<1	<5	<5	<1	<1
CP-112	10/24/94	<1	<1	<1	<1	<5	<5	<1	<1
CP-113	10/21/94	<1	<1	10	<1	<5	<5	<1	<1
CP-114	10/21/94	<1	<1	<1	<1	<5	<5	<1	<1
CP-115A	10/21/94	<1	<1	<1	<1	<5	<5	<1	<1
CP-115B	10/21/94	<1	<1	<1	<1	<5	<5	1	<1
CP-116	10/24/94	<1	<1	9	55	<5	<5	3	<1
CP-117	10/24/94	<1	<1	25	3200	<5	7	<1	<1
CP-118	10/18/94	<1	<1	1	12	<5	8	1	<1
CP-119	10/18/94	<1	<1	3	210	<5	<5	4	<1
CP-121	10/24/94	<1	<1	<1	<1	<5	<5	<1	<1
CP-122B	11/03/94	<1	<1	<1	<1	<5	<5	<1	<1
MW-39-3	10/20/94	<1	<1	3	35	<5	<5	<1	<1
W-10	10/19/94	3	<1	<1	4	<5	<5	<1	<1

Values represent total concentrations unless noted < = Not detected at indicated reporting limit --- = Not analyzed

VOCs

Pier 91 Facility
4th Quarter 1994
Groundwater

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SITE	DATE	1,1-DCA (ug/l)	cis-1,2-Dichloroethene (ug/l)	trans-1,2-Dichloroethene (ug/l)	Chloroform (ug/l)	Dichloro difluoromethane (ug/l)	Trichloro fluoromethane (ug/l)	1,1,2-Trichloro trifluoroethane (ug/l)	1,2-DCA (ug/l)
CP-103A	10/19/94	<1	<1	<1	<1	<1	<1	<5	<1
CP-103B	10/19/94	<1	<1	<1	<1	<1	<1	<5	<1
CP-104A	10/20/94	3	<1	<1	<1	4	<1	<5	<1
CP-104B	10/20/94	4	<1	<1	<1	<1	<1	<5	<1
CP-105A	10/20/94	<1	<1	<1	<1	<1	<1	<5	<1
CP-105B	10/20/94	<1	<1	<1	<1	<1	<1	<5	<1
CP-106A	10/21/94	<1	1	<1	<1	<1	<1	<5	<1
CP-106B	10/21/94	<1	<1	<1	<1	<1	<1	<5	<1
CP-107	10/20/94	2	1	<1	<1	33	<1	<5	<1
CP-108A	10/19/94	<1	<1	<1	<1	<1	<1	<5	<1
CP-108B	10/19/94	<1	<1	<1	<1	<1	<1	<5	<1
CP-109	10/18/94	2	<1	<1	<1	<1	<1	<5	<1
CP-110	10/20/94	<1	<1	<1	<1	11	<1	<5	<1
CP-111	10/24/94	<1	<1	<1	<1	<1	<1	<5	<1
CP-112	10/24/94	2	<1	<1	<1	<1	<1	<5	<1
CP-113	10/21/94	3	10	<1	<1	<1	<1	<5	<1
CP-114	10/21/94	<1	<1	<1	<1	<1	<1	<5	<1
CP-115A	10/21/94	<1	<1	<1	<1	<1	<1	<5	<1
CP-115B	10/21/94	<1	<1	<1	<1	<1	<1	<5	<1
CP-116	10/24/94	29	2	<1	<1	<1	<1	<5	<1
CP-117	10/24/94	160	24	1	<1	<1	<1	<5	<1
CP-118	10/18/94	1	<1	<1	<1	<1	<1	<5	<1
CP-119	10/18/94	6	<1	<1	<1	<1	<1	<5	<1
CP-121	10/24/94	2	<1	<1	<1	<1	<1	<5	<1
CP-122B	11/03/94	<1	<1	<1	<1	<1	<1	<5	<1
MW-39-3	10/20/94	4	<1	<1	<1	26	<1	<5	<1
W-10	10/19/94	<1	<1	<1	<1	<1	<1	25	<1

Values represent total concentrations unless noted < = Not detected at indicated reporting limit --- = Not analyzed

VOCs

Pier 91 Facility
4th Quarter 1994
Groundwater

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SITE	DATE	2-Butanone (ug/l)	1,1,1-TCA (ug/l)	Carbon tetrachloride (ug/l)	Vinyl acetate (ug/l)	Bromodichloro methane (ug/l)	1,2-Dichloro propane (ug/l)	cis-1,3- Dichloropropene (ug/l)	Trans-1,3- Dichloropropene (ug/l)
CP-103A	10/19/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-103B	10/19/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-104A	10/20/94	<5	<1	<1	<5	3	<1	<1	<1
CP-104B	10/20/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-105A	10/20/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-105B	10/20/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-106A	10/21/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-106B	10/21/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-107	10/20/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-108A	10/19/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-108B	10/19/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-109	10/18/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-110	10/20/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-111	10/24/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-112	10/24/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-113	10/21/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-114	10/21/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-115A	10/21/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-115B	10/21/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-116	10/24/94	<5	<1	<1	<5	1	<1	<1	<1
CP-117	10/24/94	<5	3	<1	<5	<1	<1	<1	<1
CP-118	10/18/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-119	10/18/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-121	10/24/94	<5	<1	<1	<5	<1	<1	<1	<1
CP-122B	11/03/94	<5	<1	<1	<5	<1	<1	<1	<1
MW-39-3	10/20/94	<5	<1	<1	<5	<1	<1	<1	<1
W-10	10/19/94	<5	<1	<1	<5	1	<1	<1	<1

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VOCs

Pier 91 Facility
4th Quarter 1994
Groundwater

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SITE	DATE	TCE (ug/l)	Dibromochloro methane (ug/l)	1,1,2-TCA (ug/l)	Benzene (ug/l)	2-Chloroethyl vinyl ether (ug/l)	Bromoform (ug/l)	4-Methyl-2- pentanone (ug/l)	2-Hexanone (ug/l)
CP-103A	10/19/94	<2	<1	<1	15	<1	<1	<5	<5
CP-103B	10/19/94	<2	<1	<1	<1	<1	<1	<5	<5
CP-104A	10/20/94	<2	<1	<1	1	<1	<1	<5	<5
CP-104B	10/20/94	<2	<1	<1	<1	<1	<1	<5	<5
CP-105A	10/20/94	<2	<1	<1	<1	<1	<1	<5	<5
CP-105B	10/20/94	<2	<1	<1	<1	<1	<1	<5	<5
CP-106A	10/21/94	<2	<1	<1	<1	<1	<1	<5	<5
CP-106B	10/21/94	<2	<1	<1	<1	<1	<1	<5	<5
CP-107	10/20/94	<2	<1	<1	4	<1	<1	<5	<5
CP-108A	10/19/94	<2	<1	<1	2	<1	<1	<5	<5
CP-108B	10/19/94	<2	<1	<1	<1	<1	<1	<5	<5
CP-109	10/18/94	<2	<1	<1	21	<1	<1	<5	<5
CP-110	10/20/94	<2	<1	<1	4	<1	<1	<5	<5
CP-111	10/24/94	<2	<1	<1	<1	<1	<1	<5	<5
CP-112	10/24/94	<2	<1	<1	1	<1	<1	<5	<5
CP-113	10/21/94	2	<1	<1	1	<1	<1	<5	<5
CP-114	10/21/94	<2	<1	<1	<1	<1	<1	<5	<5
CP-115A	10/21/94	<2	<1	<1	<1	<1	<1	<5	<5
CP-115B	10/21/94	<2	<1	<1	<1	<1	<1	<5	<5
CP-116	10/24/94	<2	<1	<1	32	<1	<1	<5	<5
CP-117	10/24/94	<2	<1	<1	40	<1	<1	7	<5
CP-118	10/18/94	<2	<1	<1	13	<1	<1	<5	<5
CP-119	10/18/94	<2	<1	<1	29	<1	<1	<5	<5
CP-121	10/24/94	<2	<1	<1	1	<1	<1	<5	<5
CP-122B	11/03/94	<2	<1	<1	<1	<1	<1	<5	<5
MW-39-3	10/20/94	<2	<1	<1	6	<1	<1	<5	<5
W-10	10/19/94	<2	<1	<1	15	<1	<1	<5	<5

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VOCs

Pier 91 Facility
4th Quarter 1994
Groundwater

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SITE	DATE	PCE (ug/l)	1,1,2,2-PCA (ug/l)	Toluene (ug/l)	Chlorobenzene (ug/l)	Ethylbenzene (ug/l)	Styrene (ug/l)	Naphthalene (ug/l)	o-Xylene (ug/l)
CP-103A	10/19/94	<1	<3	<2	<1	<1	<1	<5	1
CP-103B	10/19/94	<1	<3	<2	<1	<1	<1	<5	<1
CP-104A	10/20/94	<1	<3	<2	<1	<1	<1	<5	1
CP-104B	10/20/94	<1	<3	<2	<1	<1	<1	<5	<1
CP-105A	10/20/94	<1	<3	<2	<1	<1	<1	<5	<1
CP-105B	10/20/94	<1	<3	<2	<1	<1	<1	<5	<1
CP-106A	10/21/94	<1	<3	<2	<1	<1	<1	<5	<1
CP-106B	10/21/94	<1	<3	<2	<1	<1	<1	<5	<1
CP-107	10/20/94	<1	<3	3	<1	<1	<1	<5	3
CP-108A	10/19/94	<1	<3	<2	<1	<1	<1	<5	<1
CP-108B	10/19/94	<1	<3	<2	<1	<1	<1	<5	<1
CP-109	10/18/94	<1	<3	6	<1	3	<1	<5	1
CP-110	10/20/94	<1	<3	<2	<1	<1	<1	<5	1
CP-111	10/24/94	<1	<3	<2	<1	<1	<1	<5	<1
CP-112	10/24/94	<1	<3	<2	<1	<1	<1	<5	<1
CP-113	10/21/94	<1	<3	<2	<1	<1	<1	<5	<1
CP-114	10/21/94	<1	<3	<2	<1	<1	<1	<5	<1
CP-115A	10/21/94	<1	<3	<2	<1	5	<1	<5	<1
CP-115B	10/21/94	<1	<3	<2	<1	<1	<1	<5	<1
CP-116	10/24/94	<1	<3	14	<1	27	<1	18	27
CP-117	10/24/94	4	<3	2500	<1	4600	<1	98	2500
CP-118	10/18/94	<1	<3	12	<1	4	<1	17	3
CP-119	10/18/94	<1	<3	12	<1	11	<1	110	13
CP-121	10/24/94	<1	<3	<2	<1	<1	<1	<5	<1
CP-122B	11/03/94	<1	<3	<2	<1	<1	<1	<5	<1
MW-39-3	10/20/94	<1	<3	3	<1	2	<1	11	8
W-10	10/19/94	<1	<3	3	<1	3	<1	8	2

Values represent total concentrations unless noted < =Not detected at indicated reporting limit ---=Not analyzed

VOCs

Pier 91 Facility
4th Quarter 1994
Groundwater

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SITE	DATE	m-Xylene (ug/l)	p-Xylene (ug/l)	1,2-Dichloro benzene (ug/l)	1,3-Dichloro benzene (ug/l)	1,4-Dichloro benzene (ug/l)	Xylene (total) (ug/l)	1,2-DCE (Total) (ug/l)
CP-103A	10/19/94	<1	<1	<1	<1	<1	---	---
CP-103B	10/19/94	<1	<1	<1	<1	1	---	---
CP-104A	10/20/94	<1	<1	<1	<1	<1	---	---
CP-104B	10/20/94	<1	<1	<1	<1	<1	---	---
CP-105A	10/20/94	<1	<1	<1	<1	<1	---	---
CP-105B	10/20/94	<1	<1	<1	<1	<1	---	---
CP-106A	10/21/94	<1	<1	<1	<1	<1	---	---
CP-106B	10/21/94	<1	<1	<1	<1	<1	---	---
CP-107	10/20/94	3	3	<1	1	2	---	---
CP-108A	10/19/94	1	1	<1	<1	<1	---	---
CP-108B	10/19/94	<1	<1	<1	<1	<1	---	---
CP-109	10/18/94	1	1	<1	<1	<1	---	---
CP-110	10/20/94	1	1	<1	<1	<1	---	---
CP-111	10/24/94	<1	<1	<1	<1	<1	---	---
CP-112	10/24/94	<1	<1	<1	<1	<1	---	---
CP-113	10/21/94	<1	<1	<1	<1	<1	---	---
CP-114	10/21/94	<1	<1	<1	<1	<1	---	---
CP-115A	10/21/94	5	<1	<1	<1	<1	---	---
CP-115B	10/21/94	<1	<1	<1	<1	<1	---	---
CP-116	10/24/94	29	29	4	<1	<1	---	---
CP-117	10/24/94	4800	4800	4	<1	<1	---	---
CP-118	10/18/94	2	2	<1	<1	<1	---	---
CP-119	10/18/94	11	11	<1	<1	<1	---	---
CP-121	10/24/94	<1	<1	<1	<1	<1	---	---
CP-122B	11/03/94	<1	<1	<1	<1	<1	---	---
MW-39-3	10/20/94	6	6	<1	<1	<1	---	---
W-10	10/19/94	1	1	<1	<1	<1	---	---

Values represent total concentrations unless noted < =Not detected at indicated reporting limit ---=Not analyzed

SVOCs

Pier 91 Facility
4th Quarter 1994
Groundwater

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Date: 03/01/95

SITE	DATE	Phenol (ug/l)	Bis(2-chloro ethyl)ether (ug/l)	2-Chlorophenol (ug/l)	1,3-Dichloro benzene (ug/l)	1,4-Dichloro benzene (ug/l)	Benzyl alcohol (ug/l)	1,2-Dichloro benzene (ug/l)	2-Methylphenol (ug/l)
CP-103A	10/19/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-103B	10/19/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-104A	10/20/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-104B	10/20/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-105A	10/20/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-105B	10/20/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-106A	10/21/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-106B	10/21/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-107	10/20/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-108A	10/19/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-108B	10/19/94	<50	<50	<50	<50	<50	<100	<50	<50
CP-109	10/18/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-110	10/20/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-111	10/24/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-112	10/24/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-113	10/21/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-114	10/21/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-115A	10/21/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-115B	10/21/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-116	10/24/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-117	10/24/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-118	10/18/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-119	10/18/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-121	10/24/94	<10	<10	<10	<10	<10	<20	<10	<10
CP-122B	11/03/94	<98	<98	<98	<98	<98	<196	<98	<98
MW-39-3	10/20/94	<11	<11	<11	<11	<11	<21	<11	<11
W-10	10/19/94	<11	<11	<11	<11	<11	<21	<11	<11

Values represent total concentrations unless noted < =Not detected at indicated reporting limit --- =Not analyzed

SVOCs

Pier 91 Facility
4th Quarter 1994
Groundwater

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SITE	DATE	Bis(2-chloroisopropyl)ether (ug/l)	4-Methylphenol (ug/l)	N-Nitrosodi-n-propylamine (ug/l)	Hexachloroethane (ug/l)	Nitrobenzene (ug/l)	Isophorone (ug/l)	2-Nitrophenol (ug/l)	2,4-Dimethylphenol (ug/l)
CP-103A	10/19/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-103B	10/19/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-104A	10/20/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-104B	10/20/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-105A	10/20/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-105B	10/20/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-106A	10/21/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-106B	10/21/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-107	10/20/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-108A	10/19/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-108B	10/19/94	<50	<50	<50	<50	<50	<50	<50	<50
CP-109	10/18/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-110	10/20/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-111	10/24/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-112	10/24/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-113	10/21/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-114	10/21/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-115A	10/21/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-115B	10/21/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-116	10/24/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-117	10/24/94	<10	<10	<10	<10	<10	<10	<10	24
CP-118	10/18/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-119	10/18/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-121	10/24/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-122B	11/03/94	<98	<98	<98	<98	<98	<98	<98	<98
MW-39-3	10/20/94	<11	<11	<11	<11	<11	<11	<11	<11
W-10	10/19/94	<11	<11	<11	<11	<11	<11	<11	<11

Values represent total concentrations unless noted < = Not detected at indicated reporting limit --- = Not analyzed

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SITE	DATE	Benzoic acid (ug/l)	Bis(2-chloro ethoxy)methane (ug/l)	2,4-Dichloro phenol (ug/l)	1,2,4-Trichloro benzene (ug/l)	Naphthalene (ug/l)	4-Chloroaniline (ug/l)	Hexachloro butadiene (ug/l)	4-Chloro-3- methylphenol (ug/l)
CP-103A	10/19/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-103B	10/19/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-104A	10/20/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-104B	10/20/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-105A	10/20/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-105B	10/20/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-106A	10/21/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-106B	10/21/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-107	10/20/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-108A	10/19/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-108B	10/19/94	<300	<50	<50	<50	<50	<100	<50	<100
CP-109	10/18/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-110	10/20/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-111	10/24/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-112	10/24/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-113	10/21/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-114	10/21/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-115A	10/21/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-115B	10/21/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-116	10/24/94	<50	<10	<10	<10	36	<20	<10	460
CP-117	10/24/94	<50	<10	<10	<10	62	<20	<10	<20
CP-118	10/18/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-119	10/18/94	<50	<10	<10	<10	79	<20	<10	<20
CP-121	10/24/94	<50	<10	<10	<10	<10	<20	<10	<20
CP-122B	11/03/94	<490	<98	<98	<98	<98	<196	<98	<196
MW-39-3	10/20/94	<53	<11	<11	<11	<11	<21	<11	<21
W-10	10/19/94	<53	<11	<11	<11	13	<21	<11	<21

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SITE	DATE	2-Methyl naphthalene (ug/l)	Hexachloro cyclopentadiene (ug/l)	2,4,6-Trichloro phenol (ug/l)	2,4,5-Trichloro phenol (ug/l)	2-Chloro naphthalene (ug/l)	2-Nitroaniline (ug/l)	Dimethyl phthalate (ug/l)	Acenaphthylene (ug/l)
CP-103A	10/19/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-103B	10/19/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-104A	10/20/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-104B	10/20/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-105A	10/20/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-105B	10/20/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-106A	10/21/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-106B	10/21/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-107	10/20/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-108A	10/19/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-108B	10/19/94	<50	<50	<50	<50	<50	<300	<50	<50
CP-109	10/18/94	100	<10	<10	<10	<10	<50	<10	<10
CP-110	10/20/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-111	10/24/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-112	10/24/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-113	10/21/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-114	10/21/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-115A	10/21/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-115B	10/21/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-116	10/24/94	26	<10	<10	<10	<10	<50	<10	<10
CP-117	10/24/94	38	<10	<10	<10	<10	<50	<10	<10
CP-118	10/18/94	69	<10	<10	<10	<10	<50	<10	<10
CP-119	10/18/94	110	<10	<10	<10	<10	<50	<10	<10
CP-121	10/24/94	<10	<10	<10	<10	<10	<50	<10	<10
CP-122B	11/03/94	<98	<98	<98	<98	<98	<490	<98	<98
MW-39-3	10/20/94	59	<11	<11	<11	<11	<53	<11	<11
W-10	10/19/94	49	<11	<11	<11	<11	<53	<11	<11

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SITE	DATE	2,6-Dinitro toluene (ug/l)	3-Nitroaniline (ug/l)	Acenaphthene (ug/l)	2,4-Dinitro phenol (ug/l)	4-Nitrophenol (ug/l)	Dibenzofuran (ug/l)	2,4-Dinitro toluene (ug/l)	Diethyl phthalate (ug/l)
CP-103A	10/19/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-103B	10/19/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-104A	10/20/94	<10	<50	46	<50	<50	<10	<10	<10
CP-104B	10/20/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-105A	10/20/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-105B	10/20/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-106A	10/21/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-106B	10/21/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-107	10/20/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-108A	10/19/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-108B	10/19/94	<50	<300	<50	<300	<300	<50	<50	<50
CP-109	10/18/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-110	10/20/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-111	10/24/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-112	10/24/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-113	10/21/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-114	10/21/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-115A	10/21/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-115B	10/21/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-116	10/24/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-117	10/24/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-118	10/18/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-119	10/18/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-121	10/24/94	<10	<50	<10	<50	<50	<10	<10	<10
CP-122B	11/03/94	<98	<490	<98	<490	<490	<98	<98	<98
MW-39-3	10/20/94	<11	<53	<11	<53	<53	<11	<11	<11
W-10	10/19/94	<11	<53	<11	<53	<53	<11	<11	<11

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SITE	DATE	4-Chlorophenyl phenyl ether (ug/l)	Fluorene (ug/l)	4-Nitroaniline (ug/l)	4,6-Dinitro- 2-methylphenol (ug/l)	N-Nitroso diphenylamine (ug/l)	4-Bromophenyl phenyl ether (ug/l)	Hexachloro benzene (ug/l)	Pentachloro phenol (ug/l)
CP-103A	10/19/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-103B	10/19/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-104A	10/20/94	<10	28	<50	<50	<10	<10	<10	<50
CP-104B	10/20/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-105A	10/20/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-105B	10/20/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-106A	10/21/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-106B	10/21/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-107	10/20/94	<10	11	<50	<50	<10	<10	<10	<50
CP-108A	10/19/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-108B	10/19/94	<50	<50	<300	<300	<50	<50	<50	<300
CP-109	10/18/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-110	10/20/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-111	10/24/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-112	10/24/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-113	10/21/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-114	10/21/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-115A	10/21/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-115B	10/21/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-116	10/24/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-117	10/24/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-118	10/18/94	<10	15	<50	<50	<10	<10	<10	<50
CP-119	10/18/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-121	10/24/94	<10	<10	<50	<50	<10	<10	<10	<50
CP-122B	11/03/94	<98	<98	<490	<490	<98	<98	<98	<490
MW-39-3	10/20/94	<11	15	<53	<53	<11	<11	<11	<53
W-10	10/19/94	<11	<11	<53	<53	<11	<11	<11	<53

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SITE	DATE	Phenanthrene (ug/l)	Anthracene (ug/l)	Di-n-butyl phthalate (ug/l)	Fluoranthene (ug/l)	Pyrene (ug/l)	Butyl benzyl phthalate (ug/l)	3,3-Dichloro benzidine (ug/l)	Benzo(a) anthracene (ug/l)
CP-103A	10/19/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-103B	10/19/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-104A	10/20/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-104B	10/20/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-105A	10/20/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-105B	10/20/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-106A	10/21/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-106B	10/21/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-107	10/20/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-108A	10/19/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-108B	10/19/94	<50	<50	<50	<50	<50	<50	<100	<50
CP-109	10/18/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-110	10/20/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-111	10/24/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-112	10/24/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-113	10/21/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-114	10/21/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-115A	10/21/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-115B	10/21/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-116	10/24/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-117	10/24/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-118	10/18/94	12	<10	<10	<10	<10	<10	<20	<10
CP-119	10/18/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-121	10/24/94	<10	<10	<10	<10	<10	<10	<20	<10
CP-122B	11/03/94	<98	<98	<98	<98	<98	<98	<196	<98
MW-39-3	10/20/94	11	<11	<11	<11	<11	<11	<21	<11
W-10	10/19/94	<11	<11	<11	<11	<11	<11	<21	<11

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SITE	DATE	Chrysene (ug/l)	bis(2-Ethyl hexyl)phthalate (ug/l)	Di-n-octyl phthalate (ug/l)	Benzo(b) fluoranthene (ug/l)	Benzo(k)fluor anthene (ug/l)	Benzo(a)pyrene (ug/l)	Indeno (1,2,3-cd) pyrene (ug/l)	Dibenzo(a,h) anthracene (ug/l)
CP-103A	10/19/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-103B	10/19/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-104A	10/20/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-104B	10/20/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-105A	10/20/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-105B	10/20/94	<10	890	<10	<10	<10	<10	<10	<10
CP-106A	10/21/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-106B	10/21/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-107	10/20/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-108A	10/19/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-108B	10/19/94	<50	<50	<50	<50	<50	<50	<50	<50
CP-109	10/18/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-110	10/20/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-111	10/24/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-112	10/24/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-113	10/21/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-114	10/21/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-115A	10/21/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-115B	10/21/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-116	10/24/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-117	10/24/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-118	10/18/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-119	10/18/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-121	10/24/94	<10	<10	<10	<10	<10	<10	<10	<10
CP-122B	11/03/94	<98	<98	<98	<98	<98	<98	<98	<98
MW-39-3	10/20/94	<11	<11	<11	<11	<11	<11	<11	<11
W-10	10/19/94	<11	<11	<11	<11	<11	<11	<11	<11

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SITE	DATE	Benzo(ghi) perylene (ug/l)
CP-103A	10/19/94	<10
CP-103B	10/19/94	<10
CP-104A	10/20/94	<10
CP-104B	10/20/94	<10
CP-105A	10/20/94	<10
CP-105B	10/20/94	<10
CP-106A	10/21/94	<10
CP-106B	10/21/94	<10
CP-107	10/20/94	<10
CP-108A	10/19/94	<10
CP-108B	10/19/94	<50
CP-109	10/18/94	<10
CP-110	10/20/94	<10
CP-111	10/24/94	<10
CP-112	10/24/94	<10
CP-113	10/21/94	<10
CP-114	10/21/94	<10
CP-115A	10/21/94	<10
CP-115B	10/21/94	<10
CP-116	10/24/94	<10
CP-117	10/24/94	<10
CP-118	10/18/94	<10
CP-119	10/18/94	<10
CP-121	10/24/94	<10
CP-122B	11/03/94	<98
MW-39-3	10/20/94	<11
W-10	10/19/94	<11

Values represent total concentrations unless noted < =Not detected at indicated reporting limit ---=Not analyzed

For RCL 8270-BEI

Dissolved Metals

Page: 1A of 1B

Pier 91 Facility
4th Quarter 1994
Groundwater

Date: 03/01/95

SITE	DATE	Dissolved Silver (mg/l)	Dissolved Arsenic (mg/l)	Dissolved Barium (mg/l)	Dissolved Beryllium (mg/l)	Dissolved Cadmium (mg/l)	Dissolved Chromium (mg/l)	Dissolved Copper (mg/l)	Dissolved Mercury (mg/l)
CP-103A	10/19/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-103B	10/19/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-104A	10/20/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-104B	10/20/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-105A	10/20/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-105B	10/20/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-106A	10/21/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-106B	10/21/94	<0.010	<0.010	<0.20	<0.005	<0.005	0.012	<0.025	<0.0002
CP-107	10/20/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-108A	10/19/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-108B	10/19/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-109	10/18/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-110	10/20/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-111	10/24/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-112	10/24/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-113	10/21/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-114	10/21/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-115A	10/21/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-115B	10/21/94	<0.010	<0.010	<0.20	<0.005	<0.005	0.012	<0.025	<0.0002
CP-116	10/24/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	0.0008
CP-117	10/24/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-118	10/18/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-119	10/18/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-121	10/24/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-122B	11/03/94	<0.010	<0.010	<0.20	<0.005	<0.005	0.025	<0.025	<0.0002
MW-39-3	10/20/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
W-10	10/19/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002

Values represent total concentrations unless noted < = Not detected at indicated reporting limit --- = Not analyzed

Dissolved Metals
Pier 91 Facility
4th Quarter 1994
Groundwater

Page: 1B of 1B
Date: 03/01/95

SITE	DATE	Dissolved Nickel (mg/l)	Dissolved Lead (mg/l)	Dissolved Selenium (mg/l)	Dissolved Zinc (mg/l)
CP-103A	10/19/94	<0.040	<0.003	<0.005	<0.020
CP-103B	10/19/94	<0.040	<0.003	<0.005	<0.020
CP-104A	10/20/94	<0.040	<0.003	<0.005	<0.020
CP-104B	10/20/94	<0.040	<0.003	<0.005	<0.020
CP-105A	10/20/94	<0.040	<0.003	<0.005	<0.020
CP-105B	10/20/94	<0.040	<0.003	<0.005	<0.020
CP-106A	10/21/94	<0.040	<0.003	<0.005	<0.020
CP-106B	10/21/94	<0.040	<0.003	<0.005	<0.020
CP-107	10/20/94	<0.040	<0.003	<0.005	<0.020
CP-108A	10/19/94	<0.040	<0.003	<0.005	<0.020
CP-108B	10/19/94	<0.040	<0.003	<0.005	<0.020
CP-109	10/18/94	<0.040	<0.003	<0.005	<0.020
CP-110	10/20/94	<0.040	<0.003	<0.005	<0.020
CP-111	10/24/94	<0.040	<0.003	<0.005	<0.020
CP-112	10/24/94	<0.040	<0.003	<0.005	<0.020
CP-113	10/21/94	<0.040	<0.003	<0.005	<0.020
CP-114	10/21/94	<0.040	<0.003	<0.005	<0.020
CP-115A	10/21/94	<0.040	<0.003	<0.005	<0.020
CP-115B	10/21/94	<0.040	<0.003	<0.005	<0.020
CP-116	10/24/94	<0.040	<0.003	<0.005	<0.020
CP-117	10/24/94	<0.040	<0.003	<0.005	<0.020
CP-118	10/18/94	<0.040	<0.003	<0.005	<0.020
CP-119	10/18/94	<0.040	<0.003	<0.005	<0.020
CP-121	10/24/94	<0.040	<0.003	<0.005	<0.020
CP-122B	11/03/94	<0.040	<0.003	<0.005	<0.020
MW-39-3	10/20/94	<0.040	<0.003	<0.005	<0.020
W-10	10/19/94	<0.040	<0.003	<0.005	<0.020

Values represent total concentrations unless noted < = Not detected at indicated reporting limit --- = Not analyzed

TPH

Pier 91 Facility
4th Quarter 1994
Groundwater

Page: 1A of 1A
Date: 03/01/95

SITE	DATE	TPH	TPH	TPH
		(as diesel) (mg/l)	(as gasoline) (mg/l)	(mg/l)
CP-103A	10/19/94	3.3	4.6	<1
CP-103B	10/19/94	2.3	1.6	<1
CP-104A	10/20/94	<1	1.2	<1
CP-104B	10/20/94	<1	<1	<1
CP-105A	10/20/94	<1	<1	<1
CP-105B	10/20/94	<1	<1	<1
CP-106A	10/21/94	<1	<1	<1
CP-106B	10/21/94	<1	<1	<1
CP-107	10/20/94	2.4	2.8	<1
CP-108A	10/19/94	2.4	2.7	<1
CP-108B	10/19/94	<1	<1	<1
CP-109	10/18/94	4.5	4.2	1.7
CP-110	10/20/94	2.1	2.3	1.2
CP-111	10/24/94	1.1	<1	<1
CP-112	10/24/94	<1	<1	<1
CP-113	10/21/94	1.1	1.8	<1
CP-114	10/21/94	<1	<1	<1
CP-115A	10/21/94	<1	<1	<1
CP-115B	10/21/94	<1	<1	<1
CP-116	10/24/94	4.7	8.5	2.2
CP-117	10/24/94	9.9	12	7.3
CP-118	10/18/94	11	7.9	4.2
CP-121	10/24/94	<1	<1	<1
CP-122B	11/03/94	<1	2.3	<1
MW-39-3	10/20/94	2.2	2.7	<1
W-10	10/19/94	2.2	2.6	<1

Values represent total concentrations unless noted < =Not detected at indicated reporting limit ---=Not analyzed

For RCL NEW TPH

SITE	DATE	Aroclor 1016 (ug/l)	Aroclor 1221 (ug/l)	Aroclor 1232 (ug/l)	Aroclor 1242 (ug/l)	Aroclor 1248 (ug/l)	Aroclor 1254 (ug/l)	Aroclor 1260 (ug/l)
CP-104A	10/20/94	<0.1	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1
CP-106B	10/21/94	<0.1	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1
CP-108A	10/19/94	<0.1	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1
CP-110	10/20/94	<0.1	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1
CP-111	10/24/94	<0.1	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1
CP-112	10/24/94	<0.1	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1
CP-113	10/21/94	<0.1	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1
CP-114	10/21/94	<0.1	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1
CP-115A	10/21/94	<0.1	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1
CP-115B	10/21/94	<0.1	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1
CP-116	10/24/94	<0.1	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1
CP-117	10/24/94	<0.2	<0.4	<0.4	<0.2	<0.2	<0.2	<0.2
CP-118	10/18/94	<0.2	<0.4	<0.4	<0.2	<0.2	<0.2	<0.2
CP-119	10/18/94	<0.2	<0.4	<0.4	<0.2	<0.2	<0.2	<0.2
CP-121	10/24/94	<0.2	<0.4	<0.4	<0.2	<0.2	<0.2	<0.2
CP-122B	11/03/94	<5	<5	<5	<5	<5	<5	<5
MW-39-3	10/20/94	<0.2	<0.4	<0.4	<0.2	<0.2	<0.2	<0.2
W-10	10/19/94	<0.1	<0.2	<0.2	<0.1	<0.1	<0.1	<0.1

Values represent total concentrations unless noted < = Not detected at indicated reporting limit --- = Not analyzed

Total Metals

Pier 91 Facility
4th Quarter 1994
Groundwater

Page: 1A of 1B
Date: 03/01/95

SITE	DATE	Silver (mg/l)	Arsenic (mg/l)	Barium (mg/l)	Beryllium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Mercury (mg/l)
CP-103A	10/19/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-103B	10/19/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-104A	10/20/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-104B	10/20/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-105A	10/20/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-105B	10/20/94	<0.010	<0.010	<0.20	<0.005	<0.005	0.012	<0.025	<0.0002
CP-106A	10/21/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-106B	10/21/94	<0.010	<0.010	<0.20	<0.005	<0.005	0.024	<0.025	<0.0002
CP-107	10/20/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-108A	10/19/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-108B	10/19/94	<0.010	<0.010	<0.20	<0.005	<0.005	0.011	<0.025	<0.0002
CP-109	10/18/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-110	10/20/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-111	10/24/94	<0.010	<0.010	<0.20	<0.005	<0.005	0.013	<0.025	<0.0002
CP-112	10/24/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-113	10/21/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-114	10/21/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-115A	10/21/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-115B	10/21/94	<0.010	<0.010	<0.20	<0.005	<0.005	0.022	<0.025	<0.0002
CP-116	10/24/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-117	10/24/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-118	10/18/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-119	10/18/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-121	10/24/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
CP-122B	11/03/94	<0.010	<0.010	<0.20	<0.005	<0.005	0.056	<0.025	<0.0002
MW-39-3	10/20/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002
W-10	10/19/94	<0.010	<0.010	<0.20	<0.005	<0.005	<0.010	<0.025	<0.0002

Values represent total concentrations unless noted < = Not detected at indicated reporting limit --- = Not analyzed

For RCL T METALS

Total Metals

Pier 91 Facility
 4th Quarter 1994
 Groundwater

Page: 1B of 1B
 Date: 03/01/95

SITE	DATE	Nickel (mg/l)	Lead (mg/l)	Selenium (mg/l)	Zinc (mg/l)
CP-103A	10/19/94	<0.040	<0.003	<0.005	<0.020
CP-103B	10/19/94	<0.040	<0.003	<0.005	<0.020
CP-104A	10/20/94	<0.040	<0.003	<0.005	<0.020
CP-104B	10/20/94	<0.040	<0.003	<0.005	<0.020
CP-105A	10/20/94	<0.040	<0.003	<0.005	<0.020
CP-105B	10/20/94	<0.040	<0.003	<0.005	<0.020
CP-106A	10/21/94	<0.040	<0.003	<0.005	<0.020
CP-106B	10/21/94	<0.040	<0.003	<0.005	<0.020
CP-107	10/20/94	<0.040	<0.003	<0.005	<0.020
CP-108A	10/19/94	<0.040	<0.003	<0.005	<0.020
CP-108B	10/19/94	<0.040	<0.003	<0.005	<0.020
CP-109	10/18/94	<0.040	<0.003	<0.005	<0.020
CP-110	10/20/94	<0.040	<0.003	<0.005	<0.020
CP-111	10/24/94	<0.040	<0.003	<0.005	<0.020
CP-112	10/24/94	<0.040	<0.003	<0.005	<0.020
CP-113	10/21/94	<0.040	<0.003	<0.005	<0.020
CP-114	10/21/94	<0.040	<0.003	<0.005	<0.020
CP-115A	10/21/94	<0.040	<0.003	<0.005	<0.020
CP-115B	10/21/94	<0.040	<0.003	<0.005	<0.020
CP-116	10/24/94	<0.040	<0.003	<0.005	<0.020
CP-117	10/24/94	<0.040	<0.003	<0.005	<0.020
CP-118	10/18/94	<0.040	0.008	<0.005	<0.020
CP-119	10/18/94	<0.040	<0.003	<0.005	<0.020
CP-121	10/24/94	<0.040	<0.003	<0.005	<0.020
CP-122B	11/03/94	<0.040	<0.003	<0.005	<0.020
MW-39-3	10/20/94	<0.040	<0.003	<0.005	<0.020
W-10	10/19/94	<0.040	<0.003	<0.005	<0.020

Values represent total concentrations unless noted < =Not detected at indicated reporting limit --- =Not analyzed



**BURLINGTON
ENVIRONMENTAL**
A Philip Environmental Company

WA 2917
9-7-94

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SEP 08 1994
RCRA PERMITS SECTION

September 7, 1994

CERTIFIED MAIL

Mr. David Croxton
EPA Project Coordinator
U.S. EPA
1200 Sixth Avenue, M/S HW-106
Seattle, WA 98101

Mr. Croxton:

Following is the Bimonthly Progress Report required by the 3008(h) Order for RFI activities completed at the Burlington Environmental Inc. Pier 91 Facility for July and August 1994.

Description of Work Completed

Water and product levels were measured in wells once each month.

Met with EPA, Ecology, and the Port on 7/24 to discuss the early draft HSWA permit.

Received and validated second quarter 1994 groundwater monitoring data.

Third quarter groundwater sampling was completed July 20-26.

Summary of All Findings

No significant findings occurred during this period.

Projected Work for Next Reporting Period

Water and product levels will be measured monthly.

Forth quarter groundwater sampling will be completed in October.

Receipt and validation of third quarter 1994 groundwater monitoring data.

Respond to EPA comments on the Draft Interim Measures Workplan.

If you have any questions, please contact me at (206) 227-6121.

Respectfully,



John Stiller
Project Coordinator

cc: Galen Tritt, Ecology NWRO

